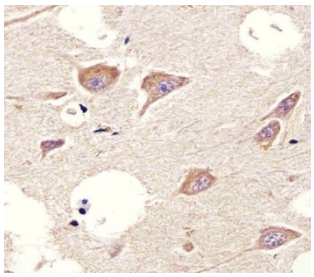
CHRM2 Antibody [clone 1424CT461.78.60] (F54335)

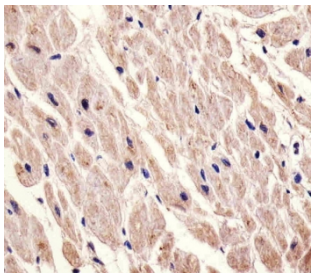
Catalog No.	Formulation	Size
F54335-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54335-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

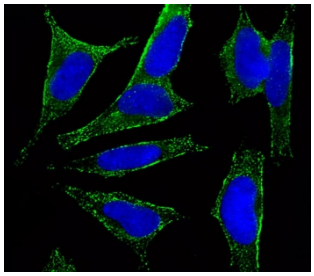
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1424CT461.78.60
Purity	Protein G affinity
UniProt	P08172
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000 Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This CHRM2 antibody is available for research use only.



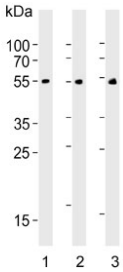
IHC testing of FFPE human brain tissue with CHRM2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



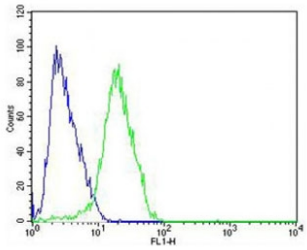
IHC testing of FFPE human heart tissue with CHRM2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized human SH-SY5Y cells with CHRM2 antibody (green) and DAPI nuclear stain (blue).



Western blot testing of 1) human SH-SY5Y, 2) human brain and 3) mouse brain lysate with CHRM2 antibody. Predicted molecular weight ~52 kDa.



Flow cytometry testing of fixed and permeabilized human SH-SY5Y cells with CHRM2 antibody; Blue=isotype control, Green= CHRM2 antibody.

Description

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is adenylate cyclase inhibition.

Application Notes

The stated application concentrations are suggested starting points. Titration of the CHRM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A recombinant human protein was used as the immunogen for the CHRM2 antibody.

Storage

Aliquot the CHRM2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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